

Amendments to the Claims

Please cancel Claims 1-8 and 17-39. The Claim Listing below will replace all prior versions of the claims in the application:

Claim Listing

1-8 Canceled.

9. (Previously presented) An abrasive product, comprising:

a binder support substrate;

a binder;

an abrasive material affixed to the support substrate by the binder; and

an antiloading composition comprising a first organic compound and a second organic compound, wherein each of the first and second organic compounds independently:

has a water contact angle criterion W_g° that is less than a water contact angle W_z° for zinc stearate; and

satisfies at least one condition selected from the group consisting of a melting point T_{melt} greater than about 40 °C, a dynamic coefficient of friction F less than about 0.4, and an antiloading criterion P greater than about 0.2, and

wherein the first and second organic compounds are different, and wherein each of the first and second organic compounds independently is represented by a formula selected from the group consisting of $R\text{-OSO}_3\text{:M}^+$, $R\text{CONH}(\text{CH}_2)_3\text{N}^+(\text{CH}_3)_2\text{CH}_2\text{COO}^-$, $R\text{-CONR}'\text{CH}_2\text{CO}_2\text{:M}^+$, and $R\text{-O}(\text{CO})\text{CH}_2\text{OSO}_3\text{:M}^+$, wherein

R is C6-C18 linear alkyl;

R' is C1-C4 linear alkyl; and

M^+ is an alkali metal ion.

10. (Previously presented) The abrasive product of Claim 9, wherein the first compound has W_g° less than about 100° and satisfies at least one condition selected from the group

consisting of T_{melt} greater than about 70 °C, F less than about 0.4, and P greater than about 0.2.

11. (Previously presented) The abrasive product of Claim 9, wherein the first compound has W_g^o less than about 70° and satisfies at least one condition selected from the group consisting of T_{melt} greater than about 90 °C, F less than about 0.3, and P greater than about 0.3.
12. Canceled
13. (Original) The abrasive product of Claim 9, wherein W_g^o for the first compound is about 0°.
14. (Original) The abrasive product Claim 9, wherein the first compound is selected from the group consisting of sodium lauryl sulfate, sodium decyl sulfate, sodium octyl sulfate, sodium lauroyl sarcosinate, lauramidopropyl betaine, and sodium lauryl sulfoacetate.
15. (Original) The abrasive product of Claim 9, wherein the first compound is sodium lauryl sulfate.
- 16-39. Canceled.